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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	2

Complete if Known	
Application Number	10/684,134
Filing Date	10/10/2003
First Named Inventor	Padgett et al.
Art Unit	1634
Examiner Name	SISSON, Bradley L.
Attorney Docket Number	1328-005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number - Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AK		US-4,994,368	2/19/1991	GOODMAN, et al.	
		US-5,459,039	10/17/1995	MODRICH, et al.	
		US-5,556,747	9/17/1996	KUMAR	
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		US-5,683,877	11/4/1997	LU-CHANG, et al.	
		US-5,723,323	3/3/1998	KAUFFMAN, et al.	
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		US-20020045175	4/18/2002	WANG, et al.	
		US-20030017477 A1	1/23/2003	VIND	

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AK		WO 92/18645	10/29/1992	HENCO, et al.		
		DE 4112440 (WO 92/18645)	10/22/1992	HENCO, et al.		
		WO 96/40902	12/19/1996	CHIRIKJIAN, et al.		
		WO 97/46701	12/11/1997	YEUNG		
		WO 99/29902	6/17/1999	ARNOLD, et al.		
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		WO 01/62974	8/30/2001	YEUNG		
		WO 02/24953 A1	3/28/2002	MOORE, et al.		

Examiner Signature	Amanda Kraus	Date Considered	4/18/05

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Sheet	2	of	2

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Application Number	10/684,134
Filing Date	10/10/2003
First Named Inventor	Padgett et al.
Group Art Unit	1634
Examiner Name	SISSON, Bradley L.
Attorney Docket Number	1328-005

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
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		OLEYKOWSKI, et al., "Mutation detection using a novel plant endonuclease", *Nucleic Acids Research*, 1998, Vol. 26, No. 20, pp. 4597-4602, Oxford University Press, United Kingdom	
		OLEYKOWSKI, et al., "Incision at Nucleotide Insertions/Deletions and Base Pair Mismatches by the SP Nuclease of Spinach", *Biochemistry*, 1999, Vol. 38, pp. 2200-2205, American Chemical Society, Columbus, OH	
		ROBERTSON, "Directed evolution patent could have major impact", *Nature Biotechnology*, May 1998, Vol. 16, p. 411	
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		YANG, et al., "Purification, Cloning, and Characterization of the CEL I Nuclease", *Biochemistry*, 2000, Vol. 39, pp. 3533-3541, American Chemical Society	

Examiner Signature	Amanda Kreun	Date Considered	4/18/06

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	1

Complete if Known	
Application Number	10/684,134
Filing Date	10/10/2003
First Named Inventor	Padgett et al.
Art Unit	1634
Examiner Name	SISSON, Bradley L.
Attorney Docket Number	1328-005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number - Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA		US-20040048268	3/11/2004	DELCOURT, et al.	

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AA		WO 99/28451	6/10/1999	DELCOURT		
		WO 00/71730	11/30/2000	DELCOURT, et al.		
		FR 2789696	8/18/2000	DELCOURT, et al.		

Examiner Signature	Amanda Shaw	Date Considered	4/18/06

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Attorney Docket Number	1328-005

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AA		6,846,655	01/25/2005	WAGNER et al.	

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AA		WO 97/37011	10/09/1997	BORTS et al.		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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AA		BISWAS and HSIEH, "Identification and characterization of a thermostable MutS homolog from *Thermus aquaticus*", *J. Biol. Chem.* (1996) 271(9):5040-5048	
		KRAEMER and DIGIOVANNA, "Topical enzyme therapy for skin diseases?", *J. Am. Acad. Dermatol.* (2002) 46:463-6	
		O'GRADY, et al., "DNA repair in thermophiles: investigation of DNA-binding activities in *Thermus aquaticus*", *Biochem. Soc. Tranactions* (1997) 25:319-22	
		SUGAHARA, et al., "Crystal structure of a repair enzyme of oxidatively damaged DNA, MutM (Fpg), from an extreme thermophile, *Thermus thermophilus* HB8", *EMBO J* (2000) 19(15):3857-3869	
		WANG, "Creating hybrid genes by homologous recombination", *Disease Markers* (2000) 16:3-13	

Examiner Signature	Amanda Shaw	Date Considered	4/18/06

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Sheet 1 of 1

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Attorney Docket Number	1328-005

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AK		6,783,941	8/31/2004	VIND	

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Examiner Signature	Amanda Shaw	Date Considered	4/18/06

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AK		WO 02/079468	10/10/2002	PADGETT, et al.		
		WO 93/20233	10/14/1993	LU-CHANG, et al.		
		WO 04/035771	4/29/2004	BARON, et al.		
		WO 99/29902	6/17/1999	ARNOLD, et al.		
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		WO 97/46701	12/11/1997	YEUNG		
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		YANG, et al., "Purification, Cloning, and Characterization of the CEL I Nuclease", *Biochemistry*, 2000, Vol. 39, pp. 3533-3541, American Chemical Society	
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